



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re U.S. Patent Application of

SUGAHARA et al.

Application Number: 10/522,241

Filed: October 5, 2005

**For: A SPIN TRANSISTOR BASED ON THE SPIN-
FILTER EFFECT AND A NONVOLATILE MEMORY
USING SPIN TRANSISTORS**

ATTORNEY DOCKET NO. HIRA.0178

**Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450**

Unit 2815

**Examiner
Valentine, Jami M.**

RESPONSE AND AMENDMENT UNDER 37 C.F.R. § 1.111

Sir:

This is in response to the Office Action mailed on May 31, 2007, the period of response to which is set to expire on August 31, 2007. Please amend the above-referenced application as follows: